



## CMA PROGRESS AT A GLANCE

*as of October 25, 2011:*

**Anniston Chemical Activity, Ala.:** The last chemical munitions stored at Anniston Army Depot were destroyed on Sept. 22, 2011, when the final tray of mustard agent-filled 105 mm projectiles exited the Metal Parts Furnace at the Anniston Chemical Agent Disposal Facility (ANCDF). With no more chemical munitions in storage to be destroyed, the mission of the Defense Threat Reduction Agency (DTRA) and the Organisation for the Prohibition of Chemical Weapons (OPCW) Technical Secretariat at the ANCDF was completed. The OPCW inspectors left Anniston early last month. Their inspection activities in Anniston were coordinated, managed and supported by an on-site DTRA escort team. With departure of the Treaty inspectors, the Anniston DTRA Detachment also closed its operations. Anniston officials still expect the OPCW to send a team to Alabama in the near future for a final closeout inspection.

**Blue Grass Chemical Activity, Ky.:** Blue Grass Chemical Activity (BGCA) will brief the Kentucky Department of Environmental Protection, the Chemical Demilitarization Citizens' Advisory Commission and the Chemical Destruction Community Advisory Board on the Igloo Filtration System (IFS) the first week in November. IFS testing is ongoing and scheduled to continue into 2012. Senator McConnell's and Senator Paul's Congressional Staffs will tour Blue Grass Chemical Agent-Destruction Pilot Plant on Nov. 30. BGCA is involved in monthly speakers' bureau events to educate local communities on safe storage and to build a stronger community relationship. BGCA is now available to view and "like" on Facebook. *Please let them hear from you!*

**Deseret Chemical Depot, Utah:** Tooele Chemical Agent Disposal Facility (TOCDF) workers used a specially-designed cutting machine, that assisted with removal of the explosive components, to destroy the last 4.2-inch mustard mortar from Deseret Chemical Depot's (DCD) stockpile on Oct. 14, 2011. Additionally, workers at the Area 10 Liquid Incinerator (ATLIC) completed a combined Surrogate Trial Burn and Comprehensive Performance Test that demonstrated the destruction efficiency of the incineration process. The ATLIC will destroy DCD's stockpile of GA nerve and lewisite blister agents stored in bulk containers. Disposal of the GA is expected to begin early November 2011 and last less than two weeks. All DCD/TOCDF disposal operations are on pace to be finished by the April 29, 2012, treaty deadline.

**Pine Bluff Arsenal, Ark.:** Pine Bluff Chemical Agent Disposal Facility (PBCDF) continues safe and environmentally compliant closure activities. As of Oct. 1, 2011, PBCDF employees passed one year without a recordable injury and worked more than 5 million man hours without a lost work day. Decommissioning activities continue in the Munitions Demilitarization Building toxic areas, and the Central Decontamination System is being flushed. PBCDF also began removing filters on the offline Heating, Ventilation and Air Conditioning units. PBCDF received the 2011 Arkansas Environmental Federation Award of Merit. This annual award recognizes individuals and organizations for outstanding service to the citizens of Arkansas.

**Pueblo Chemical Depot, Colo.:** Pueblo Chemical Depot (PCD) stores mustard-filled munitions: 105 mm projectiles and cartridges, 155 mm projectiles and 4.2-inch mortar cartridges. Pueblo is known as the "Home of Heroes." Veteran's Day celebrations in Avondale, Colo., began early on Oct. 1, 2011, with a parade that included one of PCD's fire engines, as well as a Real-time Analytical Platform and Chemical Stockpile Emergency Preparedness display. PCD will also show support at two more Veteran's Day parades—one in Pueblo on Nov. 5, 2011, and one that will be held on Nov. 11, 2011, at Colorado State University/Pueblo where a new Vietnam Memorial will be dedicated. PCD Commander Lt. Col. Greenhaw will speak at the dedication.

**Umatilla Chemical Depot, Ore.:** Umatilla Chemical Agent Disposal Facility completed disposal operations on Oct. 25, 2011. The site has started barricading and staging the area around the Brine Reduction Area to prepare for its demolition. On Oct. 11, 2011, the final Treaty Agent Sample was taken from the last HD treaty-tagged Ton Container (TC) in the Unpack Area. The required sampling of 24 treaty-tagged TCs began in July 2009, and has been conducted without incident while being observed by evaluators from the Organisation for the Prohibition of Chemical Weapons, Defense Threat Reduction Agency, U.S. Army Chemical Materials Agency and Department of Defense.

## CMA Holds Third Annual Achievement Open House

On Nov. 3, the U.S. Army Chemical Materials Agency (CMA) held its third Annual Achievement Open House. The open house commemorated CMA's many achievements from the past year, and also honored Mr. Charlie Baronian, who was involved with the chemical demilitarization program from its inception until his retirement in 1994.

CMA's achievements were abundant over the past year, with the complete destruction of chemical weapons at three stockpile sites – Pine Bluff Chemical Agent Disposal Facility (ANCDF) in Arkansas, Anniston Chemical Agent Disposal Facility (ANCDF) in Alabama, and most recently, Umatilla Chemical Agent Disposal Facility in Oregon.

In addition, ANCDF was inducted into the State of Alabama Engineering Hall of Fame in February. Tooele Chemical Agent Disposal Facility, the only site with a stockpile remaining, reached a significant milestone on January 1, 2011, or 1/11/11. That date marked 11,111,111 consecutive man hours without a lost workday injury. It also marked more than five years without a lost workday due to an injury on the job.

CMA made significant environmental achievements over the past year as well. The Non-Stockpile Chemical Materiel Project completed its mission at the Pine Bluff Ton Container Decontamination Facility, decontaminating 4,307 ton containers. This resulted in 6.5 million pounds of recycled steel.

"Over the past year, we have made dramatic advances in completing our mission, which involves destroying 90% of the original chemical weapons stockpile. With the complete destruction of the stockpiles at Pine Bluff, Anniston and Umatilla in the past year, we only have one



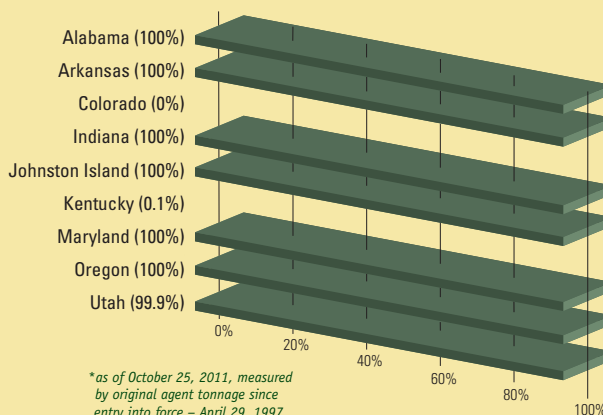
Director of CMA, Conrad Whyne, presents Mr. Charlie Baronian with a certificate for his induction into the U.S. Army Distinguished Member of the Corps earlier this year.

destruction site remaining. Best of all, we reached these milestones safely," said Conrad Whyne, Director of CMA.

The event included a short video that highlighted CMA's achievements, followed by a tribute to Baronian, who was inducted into the U.S. Army Distinguished Member of the Corps earlier this year.

Baronian's son, Jeff, spoke briefly about his dad highlighting Baronian's early years, his career, and lastly his retirement years.

## CMA - U.S. CHEMICAL AGENT STOCKPILE DESTROYED



**89.5%**  
of U.S. Chemical Agent  
stockpile destroyed\*



Eastern Kentucky University visitors receive a tour and briefing of the protective equipment area from Denver Begley, Blue Grass Chemical Activity's Protective Equipment Mechanic Inspector Supervisor.

## Blue Grass Chemical Activity Hosts Tour for Eastern Kentucky University Faculty

Blue Grass Chemical Activity (BGCA) Commander Lt. Col. Steven Basso welcomed Dr. Allen Ault, Dean of the College of Justice and Safety at Eastern Kentucky University, and members of the faculty on Sept. 27. The group received briefings from Lt. Col. Basso and Blue Grass Chemical Agent-Destruction Pilot Plant (BGCAPP) Deputy Site Project Manager, Anthony Reed.

The tour included the BGCA personal protective equipment building, the Chemical Operations Lab and the Mock-Igloo, where the group was given a demonstration on safety and over-pack procedures. The tour ended with a look inside the Real Time Analytical Platform and an on-site glimpse and briefing at the BGCAPP construction site.

## CMA Participates in AUSA Annual Meeting

On Oct. 10-12, the U.S. Army Chemical Materials Agency (CMA) participated in the Association of the United States Army (AUSA) Annual Meeting in Washington D.C. As in previous years, CMA exhibited a booth with information about its storage and destruction missions. Included in this year's booth was a display with fact sheets regarding CMA's mission and a Non-Stockpile Chemical Materiel Project (NSCMP) overview. A touch screen with general CMA information and a NSCMP portion complete with technology overviews and mission success stories was also available to view.

CMA's key message for this year's booth was to reiterate the continued safe storage and destruction missions. Major milestones highlighted were the end of operations at the facilities in Pine Bluff,

Ark., and Anniston, Ala. AUSA attendees were interested in CMA's future and closure of the sites.

"AUSA is an event where we are given the opportunity to display the success that CMA has had since the program's inception," said CMA Director Conrad Whyne. "This is the right audience to discuss CMA's future as well as exciting recent milestones."

AUSA is held annually at the Walter E. Washington Convention Center. The event brings together government officials, military and civilian employees from various Army organizations and numerous contractors. These organizations are able to display their capabilities, products and innovations.

AUSA is the largest defense-related exposition in the Nation, with more than 700 exhibits.

## NRC Meets to Discuss Remediation of RCWM

The National Research Council (NRC) learned about remediation of Recovered Chemical Warfare Materiel (RCWM) on Sept. 27-29 at Aberdeen Proving Ground, Md. The U.S. Army Non-Stockpile Chemical Materiel Project (NSCMP), along with partner Army organizations in RCWM response activities, briefed the NRC on available assessment and treatment technologies, and the roles and responsibilities of each organization. NSCMP also hosted a tour of its assessment technologies, including the Mobile Munitions Assessment System and its treatment technology, the Explosive Destruction System. The tour gave NRC committee members a hands-on opportunity to explore NSCMP's fielded RCWM assessment and treatment systems.

The NRC is working on a 14-month study to review current supporting technologies for clean-up of chemical warfare materiel sites, including excavation equipment and techniques, containment facilities, filtering techniques, personal protective equipment, monitoring, assessment, packaging, storage, transportation (on-site and intrastate), destruction technologies, and waste storage and disposal.



Russell Fendick, of the U.S. Army Non-Stockpile Chemical Materiel Project (NSCMP) Emergency Response Group team, educates National Research Committee members on how NSCMP's assessment technologies non-intrusively determine the explosive capacity and chemical agent within suspect recovered chemical warfare materiel.



As part of a Transition and Wellness Office event, CMA employees walk at Aberdeen Proving Ground South.

## CMA HQ Transition and Wellness Office Hosts Wellness Walk

A wellness walk, sponsored by the HQ U.S. Army Chemical Materials Agency's (CMA) Transition and Wellness Office, was held Oct. 6 at Aberdeen Proving Ground South. Approximately 30 employees participated in the walk. CMA Director Conrad Whyne, kicked-off the walk stating, "Personal wellness includes all of the things you can do to maintain your physical and mental health. Your fitness, attitude and outlook have a direct bearing on how well you can do your job and on how well you can live your life. Events like today's wellness walk give us a chance to get away from our desks and recharge our physical and mental batteries. Hopefully this event will serve as a jump start to more physical activity."

The Transition and Wellness Office, which opened in July, combines two functions—transition and wellness—into one office giving the HQ's employees a one-stop shop for a variety of resources. The office provides employees with information about career planning, resume writing, job searching and retirement planning, as well as information for physical, financial, mental and spiritual wellness.

The office has other events planned, such as transition training and financial management seminars.

For more information, contact Curtis Thompson at (410) 436-6974.

## Outdoor Lighting It's not only about Appearance

A good outdoor light fixture can compliment landscaping and add curb appeal to any house. Outdoor lighting also adds a safety element offering protection from intruders and other hazards.

Here are a few tips when purchasing outdoor lighting:

- Use spotlights or ground lights to illuminate any area of the house that is obscured. Areas of the house largely in the shadows are ideal for this type of lighting.
- Install energy-efficient motion detector lights that switch on only at night and with a motion. Many people mount motion detector lights near garages for added assistance when getting out of the car, making a well-lit, more secure area close to the house.
- Use stair and pathway lighting to prevent falls.
- Keep a flashlight handy in the event of a power failure or when a light bulb needs to be replaced at night.